



# भारत का राजपत्र

# The Gazette of India

प्राधिकार से प्रकाशित  
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सं० 6] नई दिल्ली, शनिवार, फरवरी 7, 1976 (माघ 18, 1897)  
No. 6] NEW DELHI, SATURDAY, FEBRUARY 7, 1976 (MAGHA 18, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[ Notifications and Notices issued by the Patent Office relating to Patents and Designs ]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 7th February 1976

### CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated the 6th December, 1975 at page 840, Column I under the heading "Complete Specification Accepted" Delete the entry relating No. 132464.

### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

1st January, 1976

- 1/Cal/76. Vector Bearing Corporation. Method and device for aiding and enhancing rotary motion. (January 6, 1975).
- 2/Cal/76. American Home Products Corporation. Process for the preparation of benzobicycloalkane amines. (March 14, 1974). [Divisional date March 1, 1975].
- 3/Cal/76. BASF Farben & Fasern AG. A method of preserving and protecting a steel object from corrosion.
- 4/Cal/76. D. P. Chowdhary. Mechanical horse.
- 5/Cal/76. D. P. Chowdhary. Mechanical-flyer.

1—447 GI/75

2nd January, 1976

- 6/Cal/76. Sukumar Chandra Chowdhury. Extraction of titanium (Tio<sub>2</sub>), di-oxide from alum sludge.
- 7/Cal/76. International Standard Electric Corporation. Cross linking polymeric materials with esters of phenyl indan. [Divisional date May 3, 1973].
- 8/Cal/76. Gruppo Lepetit S.p.A. Method for the preparation of phthalazino [2, 3-b] phthalazine -5(14H), 12(7H) -dione. [Divisional date March 28, 1974].
- 9/Cal/76. Ole-Bendt Rasmussen. Method of producing high-strength laminate.
- 10/Cal/76. A. K. Jain. A switching device.
- 11/Cal/76. V. R. Bhide. A vacuum flask.
- 12/Cal/76. G. K. Kabra. An igniting appliance.
- 13/Cal/76. LT. CDR. S. Bhardwaj. A float valve.
- 14/Cal/76. R. Lall. A locking means for use with a vehicle.
- 15/Cal/76. A. K. Jain. An air cooler.
- 16/Cal/76. J. C. Sharma. An electrical cooker.
- 17/Cal/76. The Director, All India Institute of Medical Sciences. A composition for preventing acne lesions.
- 18/Cal/76. Eli Lilly and Company, S-Triazolo (5, 1-B) Benzothiazoles.
- 19/Cal/76. Emhart Corporation. Glass ware forming machine of the I.S. type for upright press and blow process.

20/Cal/76. Direct Power Limited. Improvements relating to opposed piston internal combustion engines. (January 3, 1975).

21/Cal/76. Pfizer Inc. Process for preparing prostaglandin intermediates. [Divisional date November 23, 1973].

22/Cal/76. Pfizer Inc. Process for preparing ketophosphonates. [Divisional date November 23, 1973].

23/Cal/76. R. K. Dandekar. Improved type of lever-self-locks for doors, chests, safes, drawers, etc. 3rd January 1976

24/Cal/76. Council of Scientific and Industrial Research. Improvements in or relating to milky white anodising of aluminium and its alloys.

25/Cal/76. Council of Scientific and Industrial Research. Improvements in or relating to the manufacturing process of semiconductor devices (dielectrically isolated monolithic integrated circuits) in which breakdown voltage of collector base junction is inversely proportional to the depth of base diffusion.

26/Cal/76. Council of Scientific and Industrial Research. An improved process for the preparation of para-tertiary butyl phenol.

27/Cal/76. Council of Scientific and Industrial Research. Device for cold starting of I.C. engines by priming starter fluid (modified).

28/Cal/76. Council of Scientific and Industrial Research. Improvements in or relating to "A digital dampometer" used in the measurement of logarithmic decrement.

29/Cal/76. C. Hubers. A method for regulating the driving power of an expansion engine and expansion engine for carrying out this process.

30/Cal/76. F. L. Smith & Co. A/S. Improvements relating to rotary drums. (January 22, 1975).

31/Cal/76. Satyendra Nath Sett. Synthetic honey and a method for its production.

32/Cal/76. Arun Kumar Chatterji. Copying apparatus. [Divisional date June 8, 1973].

5th January 1976

33/Cal/76. V. Karail. Improvements in or relating to amplifier tube for radios and audio signal amplification.

34/Cal/76. Kyowa Hakko Kogyo Co., Ltd., Antibiotic compounds and method of production thereof.

35/Cal/76. K. Miyazawa. Method of telecommunications.

36/Cal/76. Shin-Etsu Chemical Co., Ltd. Method for the polymerization of vinyl chloride.

37/Cal/76. Vsesojuzny Nauchno-Issledovatel'sky Institut Tekhnicheskogo Ugleroda. Process for the production of carbon black.

6th January 1976

38/Cal/76. O.G.E.C. Release control devices for cable traction and hoisting apparatus.

39/Cal/76. Magnesium Elektron Limited. Addition of magnesium to molten metal.

40/Cal/76. Ciba-Geigy AG. Reactive dyestuffs, their manufacture and use.

7th January 1976

41/Cal/76. Nordisk Insulinlaboratorium. A therapeutic insulin preparation and a process for the production of a stable insulin preparation with protracted effect.

42/Cal/76. Capital Plant International Limited. Fluid synthesis. (January 15, 1975).

43/Cal/76. Gruppo Lepetit S.p.A. Prostaglandin analogues. (January 24, 1975).

44/Cal/76. The Chief Controller Research and Development. Ministry of Defence Government of India. Dynamic pressure sensor.

45/Cal/76. Glen Head, Inc. Method and apparatus for treatment of yarn in package form.

#### APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH).

22nd December, 1975.

372/Bom/75. Hindustan Lever Limited. Treatment of saponified synthetic fatty acids.

373/Bom/75. Hindustan Lever Limited. Soaps from paraffin oxidation.

374/Bom/75. G. L. Mathreja. A mobile unit for continuously mixing molten asphalt with aggregate materials and laying the same on road.

375/Bom/75. G. S. Tasgaonkar, and D. R. Phatak. Petrol Vapour condenser.

376/Bom/75. P. C. Saxena, S. R. Gaikward and Miss E. V. Erande. A digital display means.

24th December, 1975

377/Bom/75. P. C. Saxena, S. R. Gaikwad and Miss E. V. Erande. Digital data logger.

378/Bom/75. Larsen & Toubro Limited. Micro-hole piercing tool employing micro-hole piercing punches and dies and a method of manufacturing said punches and dies.

379/Bom/75. Project Services Organisation. Air heating chamber operated by diesel or like fuel oils.

380/Bom/75. Project Services Organisation. Improved air heating chamber operated by LPG or the like fuel gas for process industries.

381/Bom/75. G. P. Rane. Tray making machine.

27th December, 1975

382/Bom/75. K. B. Bhatia. Detachable aerial for car. 29th December, 1975

383/Bom/75. H. S. Bhoot. A starter for use with a three-phase motor.

384/Bom/75. Larsen & Toubro Limited. Improvement in a draw-out distribution switchboard. 31st December, 1975

385/Bom/75. Fritz Stahlocker and Hans Stahlecher. Open-end spinning unit containing means for cleaning fibrous material. (July 28, 1975).

386/Bom/75. M. S. Panday. Improvements in or relating to devices for indicating weight.

387/Bom/75. S. D. Chavan. Lateral inversion defect free mirror.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

22nd December, 1975

208/Mas/75. N. S. Iyer Kodanda Raman. A rotating wheel by utilising the buoyancy and atmospheric pressure.

- 209/Mas/75. A. Kuppachary. Double arc house attached with single cinema projector with 10000 or 25000 ft. spool for commercial cinems theatre.
- 210/Mas/75. M. K. Rao. Gift power water lifting machine.  
24th December, 1975.
- 211/Mas/75. E. G. Rao. A calculator.
- 212/Mas/75. Dr. M. R. Krishnamurthy, Mr. R. Parimelagan and Mr. M. Subbiah. Improvements in winding arrangements for a two-speed single-winding three-phase induction motor with a squirrel cage rotor.
- 213/Mas/75. T. P. George. A manually operated washing machine.

## ALTERATION OF DATE

138453. }  
1640/Cal/75. } Ante-dated to 10th October, 1969.
138454. }  
1641/Cal/75. } Ante-dated to 10th October, 1969.
138466. }  
1824/Cal/74. } Ante-dated to 15th October, 1966.
138467. }  
1825/Cal/74. } Ante-dated to 15th October, 1966.
138478. }  
2391/Cal/73. } Ante-dated to 4th October, 1971.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patent's Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot-8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F<sub>d</sub> & 55E<sub>2</sub>+E<sub>1</sub>. I.C.-CO7C 169/08, 169/10, 103062.

## PROCESS FOR PREPARING STEROID COMPOUNDS.

ROUSSEL-UCLAF, OF 35, BOULEVARD DES INVALIDES, PARIS, 7EME, FRANCE.

Application No. 103062 filed December 16, 1965.

Convention date December 17, 1964/(51479/64) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 55 Claims.

A process for the preparation of a 17 $\alpha$ -unsaturated aliphatic-17 $\beta$ -hydroxy-13 $\beta$ -alkyl-gon-4-en-3-one (wherein the unsaturated aliphatic group has from 2 to 4 carbon atoms and the alkyl group contains from 2 to 18 carbon atoms) comprising the steps of;

(i) Condensing a 5-oxo-6-heptenoic acid alkyl ester (wherein the alkyl group contains from 1 to 10 carbon atoms) with a 1,3-dioxo-2-alkylcyclopentane (wherein the alkyl group contains from 2 to 18 carbon atoms) in the presence of an alkaline condensation agent such as herein described, and effecting cyclisation and saponification of the condensation product by reaction with an acid or acid/base couple so as to form a racemic mixture of the corresponding 1,5-dioxo-4-(2'-carboxyethyl)-7 $\alpha$ -alkyl-5, 6, 7, 7 $\alpha$ -tetrahydroindane;

(ii) Resolving the racemic mixture by reaction with an optically active base into the dextrorotatory and levorotatory enantiomorphs, and reacting the material dextrorotatory in acetone with a mixed hydride so as to form, by reduction of the keto, group at the 1-position, the corresponding 1 $\beta$ -hydroxy-5-oxo-4-(2'-carboxyethyl)-7 $\alpha\beta$ -alkyl-5, 6, 7, 7 $\alpha$ -tetrahydroindane;

(iii) Subjecting this product to catalytic hydrogenation so as to form the corresponding 1 $\beta$ -hydroxy-5-oxo-4-(2'-carboxyethyl)-7 $\alpha\beta$ -alkyl-3 $\alpha$ , 4 $\beta$ , 5, 6, 7, 7 $\alpha$ -hexahydroindane;

(iv) Reacting this material with an acylating agent such as herein described so as to form the  $\Delta$ -lactons of the corresponding 1 $\beta$ -acyloxy-4-(2'-carboxyethyl)-5-hydroxy-7 $\alpha\beta$ -alkyl-3 $\alpha$ , 4 $\beta$ , 7, 7 $\alpha$ -tetrahydroindane;

(v) Reacting the  $\alpha$ -lactone with a ketal of a 4-oxopentyl magnesium halide, reacting the product with an alkali-metal agent such as herein described, and then subjecting the resulting material to acid hydrolysis, so as to form the corresponding 17 $\beta$ -hydroxy-13 $\beta$ -alkyl-4, 5-seco-gon-9-ene-3, 5-dione;

(vi) Cyclising this 4, 5-seco-gonene by reaction with an alkali-metal agent such as herein described so as to form the corresponding 17 $\beta$ -hydroxy-13 $\beta$ -alkyl-gona-4, 9-dien-3-one;

(vii) reacting this 17 $\beta$ -hydroxy-gonadiene with an alkali metal or an alkaline earth metal in liquid ammonia, in the presence of a proton donor so as to form the corresponding 17 $\beta$ -hydroxy-13 $\beta$ -alkyl-gon-5 (10)-en-3-one;

(viii) Reacting this 17 $\beta$ -alkyl-gon-5(10)-en-3-one; oxidising agent such as herein described so as to form the corresponding gon-3, 17-dione;

(ix) Reacting this product with a metallic derivative of an unsaturated aliphatic hydrocarbon so as to form the corresponding 17 $\alpha$ -unsaturated aliphatic-17 $\beta$ -hydroxy-13 $\beta$ -alkyl-gon-5(10)-en-3-one; and

(x) Subjecting this material to isomerisation so as to form the corresponding 17 $\alpha$ -unsaturated aliphatic-17 $\beta$ -hydroxy-13 $\beta$ -alkyl-gon-4-en-3-one.

CLASS 55F & 132C. I.C.-A61j 3/00.

126879.

CAPSULE FOR TRITURATING OR INTIMATELY MIXING PREDETERMINED QUANTITIES OF CHEMICAL SUBSTANCES.

JEAN-JACQUES GOUPIL, DOCTOR OF PHARMACY, OF 30, AVENUE DU PRÉSIDENT WILSON, 94 CHAN, FRANCE.

Application No. 126879 filed June 1, 1970.

Convention date April 28, 1970/(20331/70) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A capsule designed for triturating or intimately mixing predetermined quantities of chemical substances, *inter alia* for dental or pharmaceutical purposes, comprising two chambers separated by a removable partition which is resiliently gripped between the capsule walls and can be driven out into one of the chambers by the action of an integral push-rod sliding into the opposite end of the other chamber, characterised in that the removable wall is a disc or similar flat solid which is subsequently used as a crushing member for mixing the substance when the capsule is agitated, the thickness of the crushing member being much less than its diameter.

CLASS 55F &amp; 132C. I.C.-A61j 3/00. 132464.

## A MULTIPLE-CHAMBER DEVICE FOR THE PACKAGING AND MIXING OF PREDOSED SUBSTANCES.

JEAN-JACQUES GOUPIL, DOCTOR OF PHARMACY, OF 30, AVENUE DU PRESIDENT WILSON, 94 CHAN, FRANCE.

Application No. 132464 filed August 11, 1971.

Addition to No. 126879.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims.

A multiple-chamber device or capsule for the packing and mixing of predosed substances, wherein the device has a movable partition which can take up two positions—a first position, in which the partition separates from one another two chambers containing substances to be mixed, and a second position in which the partition co-operates with a plunger or pusher to close one of said chambers in which mixing is carried out.

CLASS 195B. I.C.-F16K 15/02, 15/18. 138440.

## A PRESSURE REDUCER VALVE.

SUBBIAH NATARAJAN, No. 89, NEW COLONY, TUTICORIN-628003, TAMILNADU, INDIA.

Application No. 184/Mas/73 filed December 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 7 Claims.

A pressure reducer valve characterised by a first member snugly and slidably disposed within a housing so as to divide the said housing into a first chamber and a second chamber; inlet and outlet ports provided on the housing for entry of incoming liquid into, and the discharge of outgoing liquid from, the second chamber; a second member attached to the first member and capable of moving with the first member and capable of moving with the first member to close or open the inlet port; and a passage provided within each of the first and second members for enabling liquid within the second chamber to enter into the first chamber, the surface area of the second member exposed to the thrust of the incoming liquid at the inlet port being smaller than the surface area of the first member exposed to the opposite thrust of the liquid occupying the first and second chambers, such that for a given value of pressure of the incoming liquid tending to open the inlet port, a lower value of pressure of the liquid within the said chambers is sufficient to cause the second member to close the inlet port, the incoming liquid being enabled to enter the second chamber only when the thrust of the liquid occupying the first and second chambers is at a value lower than the thrust of the incoming liquid at the inlet port.

CLASS 170B. I.C.-C11d 1/22, 3/065, 3/066, 3/07, 138441. 3/075, 3/08, 3/14, 3/42.

## PRODUCTION OF DETERGENTS.

CHEMICAL SERVICES (PROPRIETARY) LIMITED, OF PRESIDENT PLACE, 148 JAN SMUTS AVENUE, ROSEBANK, JOHANNESBURG, TRANSVAAL, REPUBLIC OF SOUTH AFRICA.

Application No. 2205/Cal/73 filed September 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 15 Claims. No drawings.

A process for the production of a detergent powder or the like including the steps of forming a mix of materials suitable for the production of a detergent composition and which incorporates reactants to provide a blowing operation, also incorporating within the mix a suitable inhibitor for the blowing operation, and removing the inhibitor from the mix only when commencement of the blowing operation is required.

CLASS 32F<sub>2</sub>C & 55D2 I.C.C07f 9/40, C07C 101/18. 138442.

## PROCESS FOR PRODUCING N-PHOSPHONOMETHYL GLYCINE.

MONSANTO COMPANY, OF 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

Application No. 878/Cal/75 filed April 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims

A process for the production of N-phosphonomethyl glycine which comprises contacting an aqueous solution of N-phosphonomethylimino diacetic acid with a molecular oxygen containing gas such as herein described at a temperature such as herein described sufficiently elevated to initiate and sustain reaction and in the presence of a catalyst consisting essentially of activated carbon such as herein described.

CLASS 32F<sub>2</sub>a. I.C.-C07C 93/04. 138443.

## PROCESS FOR THE PREPARATION OF β-N-DI-N-PROPYLAMINOETHYL-O-METHOXYPHENYL ETHER AND ITS SALTS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 2770/Cal/73 filed December 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A process for the preparation of β-N-di-n-propylaminoethyl-o-methoxyphenyl ether or its salts which consists in heating β-haloethyl-o-methoxyphenyl ether with di-n-propylamine under reflux in presence of an organic solvent, and after basification with an alkali and removal of the solvent, the residue is distilled in vacuum to give β-N-di-n-propylaminoethyl-o-methoxyphenyl ether; and if desired it is treated with a hydrogen halide in a neutral solvent under anhydrous condition to yield the corresponding salts of β-N-di-n-propylaminoethyl-o-methoxyphenyl ether.

CLASS 32F<sub>2</sub>a+F<sub>2</sub>d. I.C.C07c 47/40, 49/28. 138444.

## PROCESS FOR THE MANUFACTURE OF AN ALDEHYDE.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, SW1P 3JF, ENGLAND.

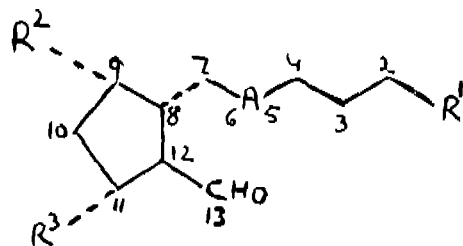
Application No. 2449/Cal/73 filed November 7, 1973.

Convention date November 10, 1972 (52010/72) U.K.

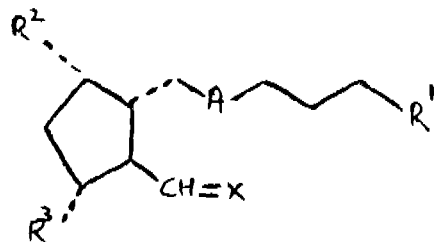
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 9 Claims

A process for the manufacture of an aldehyde of the formula I.



wherein  $R^1$  is a carboxy or hydroxymethyl radical or an alkoxy-carbonyl radical of up to 11 carbon atoms, A is an ethylene or *cis*-vinylene radical, and  $R^2$  and  $R^3$  which may be the same or different, are hydroxy radicals or protected hydroxy radicals, or  $R^1$  and  $R^2$  together form an oxycarbonyl radical, in which an oxygen atom is bonded to carbon atom 9 and the carbon atom is bonded to carbon atom 2, and bearing 0 or 1 alkyl substituent of 1 to 4 carbon atoms on carbon atom 2, 3 or 4, provided that when  $R^1$  is a methoxycarbonyl radical, and either  $R^2$  is an acetoxy radical and  $R^3$  is a tetrahydropyran-2-yloxy radical, or  $R^2$  is a 4-phenylbenzoyloxy radical and  $R^3$  is an acetoxy radical A is a *cis*-vinylene radical characterised by the acid hydrolysis of an acetal of the formula II.



wherein A,  $R^1$ ,  $R^2$  and  $R^3$  have the meanings stated in any one of claims 1 to 3 and X represents two alkoxy radicals, each of up to 5 carbon atoms, or an alkylenedioxy radical of 2 to 6 carbon atoms.

CLASS 29A. I.C.-GO6f 1/00.

138445.

### DATA PROCESSING SYSTEM.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1907/Cal/73 filed August 17, 1973.

Convention date July 17, 1973 (33955/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 5 Claims

A data processing system comprising a memory, a micro-programmed processor having a plurality of registers and a main data bus having a plurality of parallel lines interconnecting the registers with each other and with memory, and means for executing a sequence of micro-operators, an input/output bus having a plurality of parallel lines, a plurality of input/output control units connected to said input/output bus, each control unit being connected to at least one input/output

device, and interface means connecting the input/output bus to the data bus, said interface means including means responsive to a first predetermined micro-operator executed by the processor for transferring a group of data bits in parallel on the data bus from one of said registers designated by the micro-operator to each of the control units over the input/output bus together with a first control signal, and means responsive to a second predetermined micro-operator executed by the processor for transferring a group of data bits in parallel from any of the control units over the input/output bus to one of said registers designated by the micro-operator over the data bus together with a second control signal to each of the control units.

CLASS 206-I. I.C.-HO4b 3/46, 7/00.

138446.

### FAULT ALARM AND CONTROL APPARATUS.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1820/Cal/73 filed August 7, 1973.

Convention date July 24, 1973/(35174/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 8 Claims

Fault-alarm and control apparatus for a microwave communication network, said network having a maintenance channel in the microwave transmission for communication between transmission stations and having sensors at said local transmission stations for detecting fault conditions and having controllers at local transmission stations for affecting equipment operation, comprising:

a first multiplicity of means each for monitoring an individual transmission station portion of said network for alarming said faults detected and for initiating limited compensating messages to said local controllers for some of said faults alarmed; a second multiplicity of means each for monitoring a respective fixed number of said first monitoring means for receiving fault-alarm messages generated by said fixed number of first monitoring means and for initiating compensating messages to said local controllers through said first monitoring means; and

wherein each of said first monitoring means are communicatively tied in series with each other and to said respective second monitoring means.

CLASS 42C. I.C.-A24f 15/04.

138447.

### CONTAINER FOR A CIGARETTE PACKET.

NANDLAL GIRDHARILAL VIHANI, OF 680 SARDAR PURA, ROAD No. 10-D, JODHPUR, INDIA.

Application No. 253/Cal/73 filed February 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 5 Claims

A container adapted to hold a cigarette packet therein, said container made of a plastic material and characterized in that at least one hole is provided in the base of said container and spaced away from either of the sidewalls of said container.

CLASS 68E, I.C.-H02J 3/14, H01H 47/18

138448.

### IMPROVEMENTS IN ELECTRICAL INSTALLATION FOR KEEPING IN OPERATION THE PRIORITY ELECTRIC RECEIVERS.

INSTITUTUL DE PROIECTARI PENTRU INDUSTRIA CHIMICA ORGANICA DE SINTEZA, MEDICAMENTE SI FIBRE SINTETICE IPROSIN, OF BOULEVARD REPUBLICII NO. 32, BUCHAREST, ROMANIA.

Application No. 212/Cal/73 filed January 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims.

Electrical installations for keeping in operation the priority electric receivers ensuring their automatic reconnection at voltage variations outside the accepted limits comprising as main elements a relay (ld1) with electromechanical or magnetic blocking of the contacts, whose coils (ld1-a, id1-d) are fed at the same voltage as that of the contactor coil (ld1) and voltage relay (ld2) with adjustable control delay for the resetting of its contacts on the reverse motion, the coil of the voltage relay being shunt-fed with the contactor coil (ld1) and a normally open contact [ld2 (1-2)] delayed on the opening, in series with the contactor coil (ld1) and a atop push button with a normally closed contact and a normally open contact.

CLASS 185E. I.C. A23f3/00, 23/02. 138449.

A PROCESS FOR THE PREPARATION OF BLACK TEA FROM GREEN OR UNFERMENTED TEA.

UNILEVER LIMITED, OF UNILEVER HOUSE, BLACKFRIARS, LONDON EC4, ENGLAND.

Application No. 66/Cal/73 filed January, 9, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 14 Claims.

A process for the preparation of black tea extract in which unfermented tea is contacted with tannase and is subsequently converted to black tea in the presence of natural tea enzymes in a manner such as hereinbefore defined.

CLASS 32F & 104K. I.C. C08f 1/28, 1/32, 15/40, 29/06, 47/00,  
C08d 1/00.1/12, 1/14, 1/16, 3/10,  
138450.

C08d 5/02.

POLYMERIZATION OF OLEFINS.

SNAMPROGETTI S.P.A. OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 2025/72 filed November 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 25 Claims.

A process for the production of a homopolymer or copolymer of an olefin, which comprises polymerizing one or more olefins in the presence of a catalytic system comprising:

(i) an aluminium compound having the general formula  $R_xAl(YR')X_y$  in which  $x$  is 0 or 1 and  $y$  is 1 or 2 such that the sum  $x+y$  is equal to 2,  $R$  is hydrogen or an optionally substituted alkyl, cycloalkyl or aryl group,  $R'$  is an optionally substituted alkyl, cycloalkyl or aryl group or when  $y$  is equal to 2 is an acyl group,  $X$  is a halogen atom and  $Y$  is an oxygen or sulphur atom or a group of formula.

$NR'$ , any substituent in a radical  $R$ ,  $R'$  or  $R''$  being one which does not deleteriously affect the progress of the polymerizations to a substantial extent in relation to polymerisation carried out using a catalytic component (i) in which  $R$ ,  $R'$  or  $R''$  is a corresponding unsubstituted radical; and

(ii) a co-catalyst compound selected from:

(a) Brønsted acids;

(b) alkyl halides, organic and inorganic acid halides and compounds containing labile chlorine atoms;

(c) Lewis acids; and

(d) compounds of formula  $X'nMY'm$  in which  $M$  is an element selected from Zn, Hg, B, Al, Si, Ge, En, Pb, As, Sb, Bi, Ti, Zr, V, Mo, and W,  $X'$  is a halogen atom and  $Y'$  is oxygen, sulphur or an organic group which can be linked to said element in a stable compound of said formula, and  $n$  and  $m$  are integers whose sum is equal to the valency of  $M$ , except when  $Y$  is oxygen or sulphur, when the valency of  $M$  is equal to  $2m + n$  and with the proviso that when  $M$  is Al, the compound of formula  $X'nMY'm$  does not fall within the scope of said general formula  $RAl(YR')X_y$ .

CLASS 24B+D+D<sub>1</sub>. I.C.-B60t 13/22.

138451.

SPRING BIASED ASSEMBLY.

CATERPILLAR TRACTOR CO., OF 100 N.E. ADAMS STREET, PEORIA, STATE OF ILLINOIS 61602, UNITED STATES OF AMERICA.

Application No. 659/Cal/73 filed March 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims.

A spring biased assembly comprising a pair of relatively movable members having opposed annular surfaces disposed in spaced relation, a plurality of conical spring washers disposed in axially biasing relation between said annular surfaces and having a peripheral edge in load bearing relation to each of said annular surfaces, plurality of hardened wear washers, one interposed respectively between each said peripheral edge and annular surface at said load bearing point to provide replaceable wear surfaces, each said interposed washer including a tubular stop portion extending axially a predetermined distance between said annular surfaces to control movement of said members toward each other and limit maximum compression of said spring washers in order to avoid excessive compression and resultant damage thereof.

CLASS 172D<sub>s</sub>. I.C.-D01h 1/10.

138452.

IMPROVEMENTS IN OR RELATING TO THE TWISTING OF PLY YARNS.

THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION, AERODROME POST, COIMBATORE, TAMIL NADU STATE, INDIA.

Application No. 34/Mas/72 filed November 21, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 7 Claims.

A device for twisting ply yarns comprising a hollow spindle which draws yarn from a supply yarn package, the said hollow spindle having as its only rotating parts a lower spindle with a wharve, a reserve yarn disc and a flyer, wherein the yarn, as it passes from the supply yarn package through the hollow spindle receives its first turn of twist in a section between an internal yarn brake and an entrance to the rotating portion of the spindle and then as it passes around the reserve yarn disc and forms a yarn balloon, it receives its second turn of twist in the yarn balloon which rotates along with the reserve yarn disc so that in effect the yarn receives two turns of twist for one revolution of the spindle.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b. I.C. C07d 53/04.

138453.

PROCESS FOR THE PREPARATION OF BENZODIAZEPINUM SALTS.

SANKYO COMPANY LIMITED, OF NO. 1-6, 3-CHOME, NIHONBASHI HON-CHO, CHUO-KU, TOKYO, JAPAN.

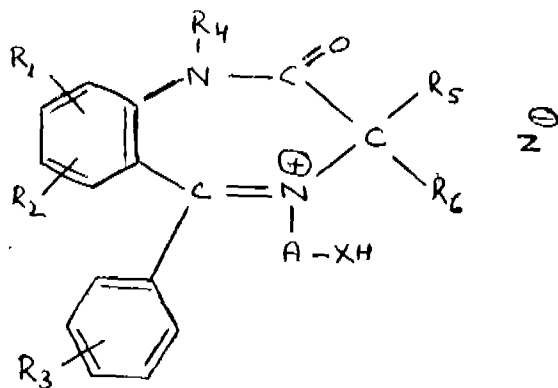
Application No. 1640/Cal/75 filed August 22, 1975.

Division of Application No. 123522 filed October 10, 1969.

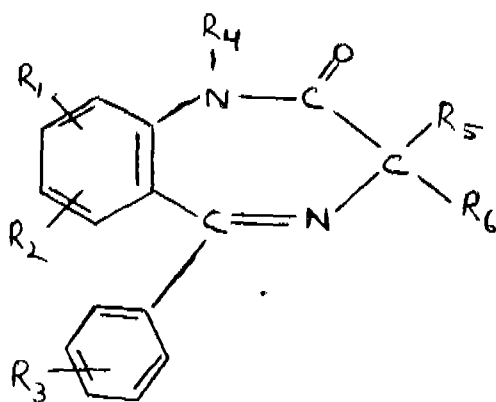
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

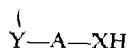
A process for preparing a compound having the formula I.



wherein  $R_1$ ,  $R_2$  and  $R_3$  may be the same or different and each represents hydrogen atom, a lower alkyl group, a lower alkoxy group, a halogen atom, hydroxy group, nitro group, cyano group, an acyl group, trifluoromethyl group, amino group, an acylamino group, a N-mono (lower alkyl) amino group, a N-di (lower alkyl) amino group, an acyloxy group, carboxyl group, an alkoxy carbonyl group, carbamoyl group, a N-mono (lower alkyl) carbamoyl group, a N-di (lower alkyl) carbamoyl group, a lower alkylthio group, a lower alkylsulfinyl group or a lower alkylsulfonyl group;  $R_4$  represents hydrogen atom, a lower alkyl group, a cycloalkyl group, an aralkyl group, an aryl group or phenacyl group;  $R_5$  and  $R_6$  may be the same or different and each represents hydrogen atom or a lower alkyl group; A represents a polymethylene group which may be substituted with a lower alkyl group or phenyl group; X represents oxygen atom or sulfur atom; and Z represents an acid radical which comprises reacting a compound having the formula II.



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$  and  $R_6$  are as defined above with a compound having the formula III.



wherein A and X are as defined above and Y represents a halogen atom in the presence of an acid.

CLASS 32F3+F.b. I.C. CO7d 53/04.

138454.

PROCESS FOR THE PREPARATION OF BENZODIAZEPINIUM DERIVATIVES.

SANKYO COMPANY LIMITED, OF NO. 1-6, 3-CHOME, NIHONBASHI HON-CHO, CHUO-KU, TOKYO, JAPAN.

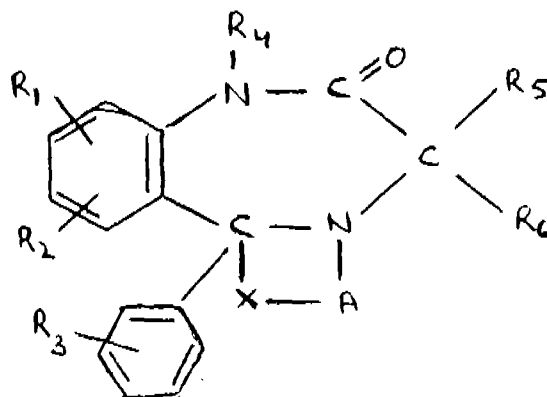
Application No. 1641/Cal/75 filed August 22, 1975.

Division of Application No. 123522 filed October 10, 1969.

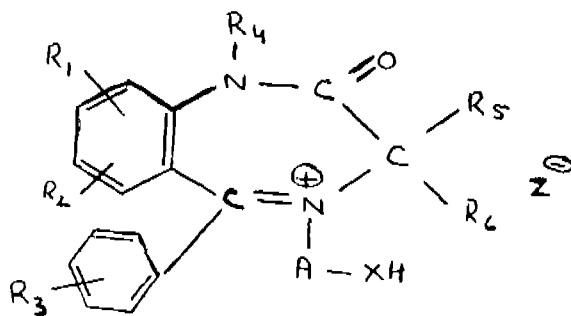
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing a compound having the formula II.



wherein  $R_1$ ,  $R_2$  and  $R_3$  may be the same or different and each represent hydrogen atom, a lower alkyl group, a lower alkoxy group, a halogen atom, hydroxy group, nitro group, cyano group, an acyl group, trifluoromethyl group, amino group, an acylamino group, a N-mono (lower alkyl) amino group, a N-di (lower alkyl) amino group, an acyloxy group, carboxyl group, an alkoxy carbonyl group, carbamoyl group, a N-mono (lower alkyl) carbamoyl group, a N-di (lower alkyl) carbamoyl group, a lower alkylthio group, a lower alkylsulfinyl group or a lower alkylsulfonyl group;  $R_4$  represents hydrogen atom, a lower alkyl group, a cycloalkyl group, an aralkyl group, an aryl group or phenacyl group;  $R_5$  and  $R_6$  may be the same or different and each represents hydrogen atom or a lower alkyl group; A represents a polymethylene group which may be substituted with a lower alkyl group or phenyl group; and X represents oxygen atom or sulfur atom which comprises treating a compound having the formula I.



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , A and X are as defined above and Z is an acid radical with water or a base.

CLASS 32C+F.b. I.C.-CO7d 57/38, CO7g 5/00.

138455.

A PROCESS FOR ISOLATION AND SEPARATION OF VINCISTIN FROM VINCA ROSEA L. DRUG.

RICHTER GEDEON VEGYESZETI GYAR R. T., OF GYOMROI UT 21, BUDAPEST X HUNGARY.

Application No. 2097/72 filed December 8, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for isolation and separation of vincristin from *Vinca rosea* L. drug, wherein a mixture of dimeric alkaloids comprising vincristin and N-demethyl-vinblastine present in said *Vinca rosea* L. drug, or acid addition salt thereof is enriched in known manner, the enriched mixture is formylated with formic acid in presence of acetic anhydride, and vincristin is separated from the formylated mixture in a manner such as herein described, and, if desired, the vincristin thus isolated is converted to the acid addition salts in a manner such as herein described.

CLASS 32C + F.b. I.C.-C07d 57/38, C07g 5/00. 138456.

#### A SEMISYNTHETIC PROCESS FOR THE PREPARATION OF VINCRISTINE.

RICHTER GEDEON VEGYES/ETI GYAR R.T., OF GYOMROI UT 21, BUDAPEST X, HUNGARY.

Application No. 2098/72 filed December 8, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A semisynthetic process for the preparation of vincristine, in which vinblastine or a salt thereof, preferably the sulphate is oxidized with chromic acid or with one of its salts at a temperature of  $-30$  to  $-90^{\circ}\text{C}$ , the reaction mixture is neutralized or rendered alkaline and the product is separated therefrom by extraction, the extract is evaporated to dryness, the dry residue containing vincristine and N-demethyl vinblastine is formulated in a manner such as herein described to convert the N-demethyl vinblastine into vincristine and the vincristine so obtained is isolated in a manner such as herein described, and if desired, is converted in known manner into its salts, preferably into the sulphates.

CLASS 163 B<sub>2</sub>+E. I.C.-F01C 7/00. 138457.

#### IMPROVEMENTS IN PUMPS AND MOTORS.

SPERRY RAND CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, UNITED STATES OF AMERICA.

Application No. 1468/Cal/73 filed June 23, 1973.

Convention date January 11, 1973/(50993/73) AUSTRALIA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A gear pump or motor comprising a plurality of externally intermeshing gears, each having shafts projecting from opposite ends thereof to provide supporting journals, and a body enclosing the gears and provided with plain bearings for the journals, the body containing inlet and outlet passages communicating with opposite sides of the meshing point of the gears, each of the bearings in the body being formed as a cantilever supported in the body at its outer end remote from the gears and being free to flex toward the inlet passage at the inner end of the shaft adjacent the gears, whereby the pressure forces causing deflection of the shafts will cause corresponding deflection of the bearing so that localized loadings of the bearings are reduced, the cantilever bearing having areas exposed respectively to inlet and outlet pressures and the ratio of load to deflection of the bearing cantilevers being substantially higher than the corresponding ratio of the shafts to allow for the additional forces received by the areas of the bearing cantilevers which are exposed to outlet pressure.

CLASS 29A. I.C.-G06f 15/00, G06C 13/00. 138458.

#### METHOD AND APPARATUS FOR CODED BINARY DATA RETRIEVAL.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1832/Cal/73 filed August 8, 1973.

Convention date August 1, 1973/(36580/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Apparatus used with data retrieval systems wherein binary data bits are stored within bit cells on a record medium at a base frequency as flux transitions, a first data bit value represented by a transition occurring at the middle of a bit cell and a second data-bit value represented by a transition occurring at the beginning of a bit cell, except when the second bit value follows the first bit value, for detecting the first data bit values and the second data bit values recovered from the record medium, comprising: means for generating a data bit window signal at said base frequency, the window signal having first and second timed portions at diverse voltage polarities, the first timed portion at one voltage being greater than the second timed portion at another voltage polarity; and means for selectively displacing in time the first timed portion of the window signal and varying the length of the first timed portion of the window signal with respect to the length of the second timed portion of the window signal.

CLASS 32E<sub>aa</sub>. I.C. C07c 154/02. 138459.

#### PROCESS FOR THE PREPARATION OF SODIUM ETHYL XANTHATE.

UCB, S.A. OF 4, CHAUSSES DE CHARLEROI, SAINT-GILLES-LEZ-BRUXELLES, BELGIUM.

Application No. 837/Cal/74, filed April 15, 1974.

Convention date April 18, 1973 (18733/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of sodium ethyl xanthate in a single stage from sodium hydroxide, carbon disulphide and ethanol, which comprises adding gradually sodium hydroxide in pellet or flake form in a molar proportion of 1/1 to 1/1.10 as referred to the carbon disulphide to a mixture of carbon disulphide and ethanol in which the molar ratio is from 1/2 to 1/10, preferably from 1/2.5 to 1/6, the reaction temperature being maintained between 5 and  $40^{\circ}\text{C}$ ., preferably between 10 and  $30^{\circ}\text{C}$ ., eliminating the excess of ethanol by distillation and recovering the sodium ethyl xanthate as distillation residue.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b & 55E<sub>a</sub>. I.C. C07d 27/04. 138460.

#### PROCESS FOR THE PREPARATION OF NEW N-(1-BENZYLPIRROLIDINYL 2-ALKYL) SUBSTITUTED BENZAMIDES.

SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DE FRANCE, OF 46, BOULEVARD DE LATOUR—MAUBOURG, 75, PARIS 7<sup>e</sup>, FRANCE.

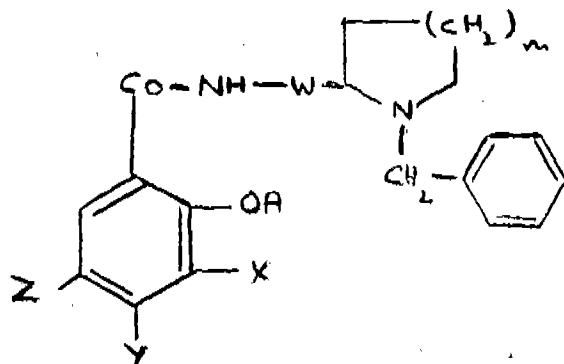
Application No. 390/Cal/75 filed March 1, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.



## 1 Claim.

A process for the preparation of substituted N-(1-benzyl-pyrrolidinyl 2-alkyl) benzamides having the general formula 1.



their pharmaceutically acceptable acid addition salts, their quaternary ammonium salts and their dextrorotatory and levorotatory isomers: in which:

A represents a hydrogen atom, a C<sub>1</sub>-5 alkyl group or a C<sub>2</sub>-5 alkenyl group,

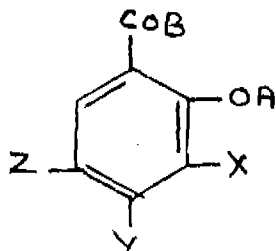
X represents a hydrogen atom, a C<sub>1</sub>-5 alkoxy group, a C<sub>1</sub>-5 alkyl group, a C<sub>3</sub>-5 alkenyloxy group or a C<sub>6</sub>-5 alkenyl group,

Y represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-5 alkyl, C<sub>1</sub>-5 alkoxy, amino or amino substituted group, for example alkylamino, acyl-amino, benzylamino, alkoxycarbonylamino.

X represents a hydrogen atom, a halogen atom, a C<sub>1</sub>-5 alkoxy group, a C<sub>1</sub>-5 alkylsulfonyl group, a SO<sub>2</sub>NR<sub>1</sub>R<sub>2</sub> which can be identical or different are hydrogen or a lower C<sub>1</sub>-5 alkyl group, or together with the nitrogen atom to which they are attached form a heterocycle, and may contain another hetero atom such as oxygen or nitrogen so as to form a morpholino or a piperazinyl radical,

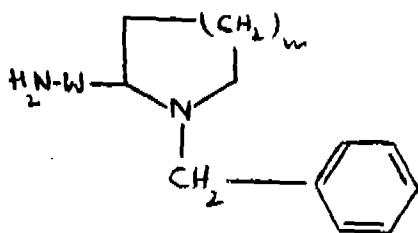
W represents an alkylene group having from 1 to 4 carbon atoms which can form a straight or branched chain, and

m represents an integer of 1, 2 or 3, characterised in the reaction of a compound having the formula II.



in which:

B represents a halogen atoms, a hydroxy group or an organic residue such as herein described, A, X, Y, Z are as defined above, on a dextrorotatory, levorotatory or racemic amine having the formula III.



in which:

W, m are as defined above, or of their reactive derivatives and if desired, converting the compound of formula I as mentioned—447GI/75

tioned above into its pharmaceutically acceptable acid addition salts in known manner.

CLASS 150D. I.C.-F16L 19/02.

138461.

A COUPLER FOR CONNECTING PIPES.

AQUACARE PRIVATE LIMITED, OF 64, REGAL BUILDING, CONNAUGHT CIRCUS, NEW DELHI-110001, INDIA.

Application No. 836/Cal/74 filed April 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A coupler adapted to connect a first pipe to a second pipe and being generally of a tubular section and having a groove at or in the proximity of either ends thereof for receiving sealing rings characterized in that said coupler is made of mild steel or a plastic material such as a high density and/or high impact plastic having a ridge provided on the inner surface and at the mid section thereof, the exterior diameter at the mid section being less than the exterior diameter at the grooves provided at or near the proximity of said coupler.

CLASS 108C. I.C.-C21C 5/04.

138462.

A METHOD OF STEELMAKING.

BRITISH STEEL CORPORATION, OF 33 GROSVENOR PLACE, LONDON S.W.1, ENGLAND.

Application No. 2833/Cal/73 filed December 29, 1973.

Convention date January 11, 1973/(1566/73), U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A method of steelmaking in an open-hearth furnace in which solid charges are introduced into the furnace at both ends adjacent to the burners, and following completion of charging before conducting the regenerative melting/refining cycle the charges are at least partially melted by simultaneously firing the burners at both ends, the gaseous products of combustion being exhausted through both the downtake and the (normal) uptake during this period.

CLASS 68E. I.C.-G05F 1/10.

138463.

SERIES CAPACITOR BANK FOR ACHIEVING AN UNINTERRUPTED STABILISATION OF THE CONDITION OF OPERATION IN HIGH-VOLTAGE ELECTRIC POWER SUPPLY NETWORKS.

ALLMANNA SVENSKA ELEKTRISKA AKTIEBOLAGET, OF VASTERÅS, SWEDEN.

Application No. 2558/Cal/73 filed November 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

Series capacitor bank for achieving an uninterrupted stabilization of the condition of operation in high-voltage electric power supply networks and comprising a capacitor and a safety circuit, known per se and connected in parallel with the capacitor, for short-circuiting the capacitor when the network is subjected to disturbances of a magnitude which causes overvoltages which may damage the capacitor, characterised in that a current path is arranged in parallel with the capacitor and said safety circuit, said current path comprising a voltage-depending resistor for controlling the current

through the current path in dependence of the voltage across the capacitor, said resistor having very high resistance as long as the voltage across the capacitor is below a predetermined value which is dependent on the electric properties of the capacitor, said value being higher than the operating voltage of the capacitor but lower than the voltage at which said safety circuit becomes effective and short-circuits the capacitor, whereas the resistance of the resistor decreases for voltages exceeding said predetermined value.

CLASS 154D. I.C.-B65h 75/14.

138464.

## TYPEWRITER RIBBONS SPOOL.

KORES HOLDING ZUG AG, OF BAARERSTRASSE 57, CH-6300 ZUG/SWITZERLAND.

Application No. 1437/Cal/73 filed June 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An ink ribbon spool consisting of two spool halves, each comprising a hub portion and a flange wherein the two spool halves have congruent form, the shell of each hub portion extending to the mid-line of the ink ribbon to be wound on to the spool, each hub portion which is made of plastic material for connection of the spool halves, being provided with plastic pins and metal strip connecting devices for the two halves in which the connecting device comprises at least one pin arranged parallel to the spool axis and protruding over the partition face between the spool halves, and with corresponding recesses equal in number to that of the pins, the pins and the recesses being arranged eccentric to the spool axis, each flange being made of sheet metal comprises dovetail shaped projections directed radially inward for being embedded in and anchored to the hub portion.

CLASS 55A+D<sub>2</sub>+E, I.C. A01n  
9/00, 9/02, 9/20, 9/22, 9/36.

138465.

## PROCESS FOR THE PREPARATION OF PESTICIDAL COMPOSITIONS.

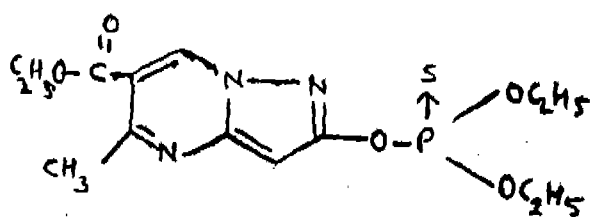
HOECHST AKTIENGESellschaft (FORMERLY KNOWN AS FARBWERKE HOECHST AKTIENGESellschaft VORMALS MEISTER LUCIUS & BRUNNING OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, BUT NOW OF 6230 FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 1117/Cal/73 filed May 19, 1973.

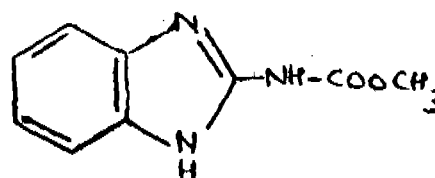
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Process for the preparation of a pesticidal composition in which 2-(0,0-diethyl-thionophosphoryl)-5-methyl-6-carbethoxy pyrazolo-(1,5a)-pyrimidine of the formula 1.



and 2-methoxycarbonylamino-benzimidazole of the formula II.



are admixed in a ratio of from 10 : 1 to 1 : 10 to form a synergistic mixture.

CLASS 32Fec. I.C. C07c 169/08.

138466.

## PROCESS FOR PREPARING A 16,17-DIHYDROXY-GONA-1, 3, 5 (10)-TRIENE.

HERCHEL SMITH, OF 450 GARDEN LANE, BRYN MAWR, PENNSYLVANIA, UNITED STATES OF AMERICA, FORMERLY OF 500 CHESTNUT LANE, WAYNE, DELAWARE COUNTY, PENNSYLVANIA, UNITED STATES OF AMERICA.

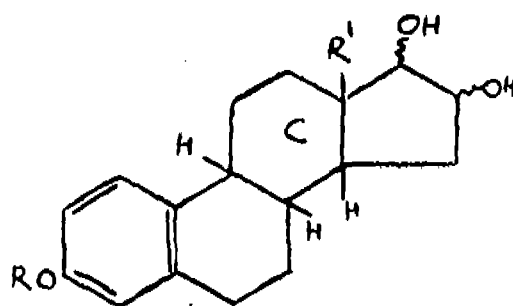
Application No. 1824/Cal/74 filed August 14, 1974.

Division of application No. 107515 filed October 15, 1966.

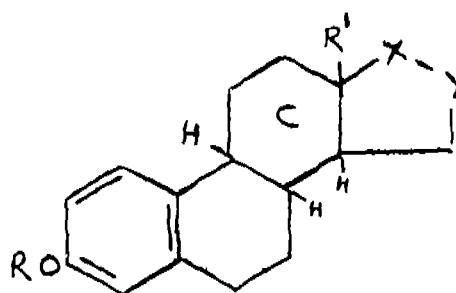
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for preparing a 16,17-dihydroxygona-1, 3, 5 (10)-triene of formula I.



wherein R is hydrogen, alkyl, substituted alkyl or acyl, R' is a saturated alkyl group having from 2 to 4 carbon atoms and the hydrogen atoms H and and the group R' at the junctions in ring C are in the *trans-anti-trans* configuration, in which process a compound of formula II.



wherein X and Y are hydroxy methylene or carbonyl, at least one of X and Y being carbonyl and R, R' and the configurations at the junctions in ring C are as defined above, is reacted with a carbonyl reducing agent and, if desired, a product having a 3-alkoxy or 3-acyloxy group is treated with

a hydrolysing or hydrogenolysing agent to give a product having a 3-hydroxy group or a product having a 3-hydroxy group is treated with an etherifying or esterifying agent to give a product having a 3-alkoxy or 3-acyloxy group respectively.

CLASS 32F3c, I.C. CO7c 169/08.

138467.

A PROCESS FOR PREPARING A 16, 17-DIHYDROXY-GONA-1, 3, 5(10) TRIENE.

HERCHEL SMITH, OF 450 GARDEN LANE, BRYN MAWR, PENNSYLVANIA, UNITED STATES OF AMERICA, FORMERLY OF 500 CHESTNUT LANE, WAYNE, DELAWARE COUNTY, PENNSYLVANIA, UNITED STATES OF AMERICA.

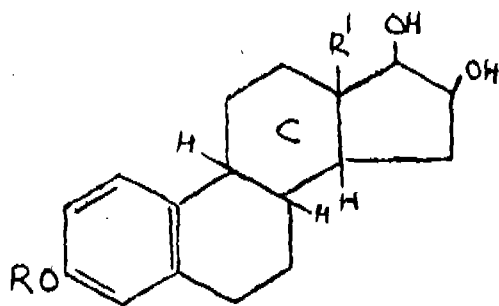
Application No. 1825/Cal/74 filed August 14, 1974.

Division of Application No. 107515 filed October 15, 1966.

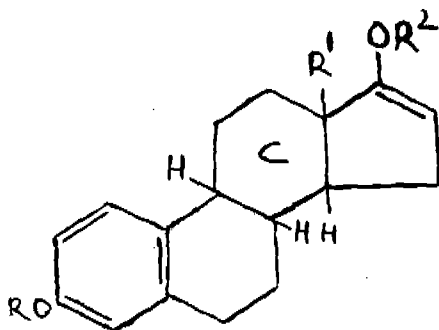
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for preparing a 16, 17-dihydroxygona-1, 3, 5(10)-triene of formula I.



where R is hydrogen, alkyl, substituted alkyl or acyl, R¹ is a saturated alkyl group having from 2 to 4 carbon atoms and the hydrogen atoms H and the group R¹ at the junctions in ring C are in the *trans-anti-trans*-configuration and the hydroxy groups at the 16- and 17-positions are *trans* to each other in which a 17-acyloxy-1, 3, 5(10), 16 tetraene of formula II.



in which R² is an acyl group and R, R¹ and the configurations at the junctions in ring C are as defined above is subjected to hydroboration by reaction with a boron hydride or with an alkyl borane followed by reaction with a mild oxidative hydrolysing agent in a known manner and, if desired, a product having a 3-alkoxy or 3-acyloxy group is treated with a hydrolysing or hydrogenolysing agent to give a product having a 3-hydroxy group or a product having a 3-hydroxy group is treated with an etherifying or esterifying agent to give a product having a 3-alkoxy or 3-acyloxy group respectively.

CLASS 32F3-LF, & 55E. I.C. CO7d 95/00.

138468.

PROCESS FOR THE PREPARATION OF 7-AMINO- $\Delta^2$ -CEPHEM DERIVATIVES.

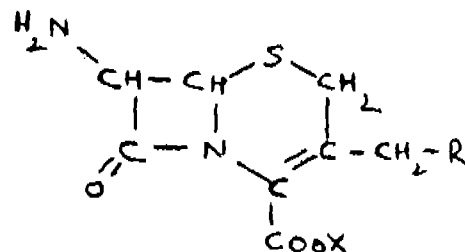
BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 140/Cal/75 filed January 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

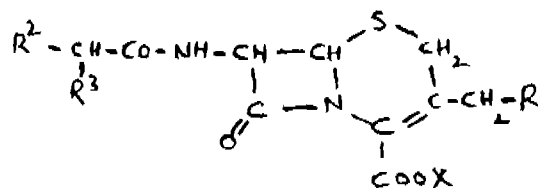
16 Claims.

A process for the preparation of a 7-amino- $\Delta^2$ -cephem derivatives of the general formula 1.



in which R denotes hydrogen, hydroxyl, amino, nitrile,  $-O-CO-NH_2-S-C-N(CH_2)_n$ , with  $n$  denoting an integer from 4 to 6,  $\begin{smallmatrix} || \\ S \end{smallmatrix}$

$-O-CO-R^1$ ,  $-NH-CO-R^1$ , and  $-S-CS-O-R^1$  with  $R^1$  denoting alkyl with 1 to 4 carbon atoms, on in which R denotes  $-S$  Het or Het, with Het denoting an optionally substituted 5-membered or 6-membered hetero-aromatic ring, which can optionally carry a positive charge, and X denotes hydrogen or a negative charge, if the radical R contains a positive charge, in which a compound of the general formula II.



in which R and X have the abovementioned meanings, R² denotes a phenyl, phenoxy, 2-thienyl or 2-furyl ring which is optionally substituted in the ring by amino, hydroxyl or alkyl with 1 to 3 carbon atoms, and

R³ denotes hydrogen, amino, hydroxyl or alkyl with 1 to 3 carbon atoms, or a salt there or with an inorganic or organic base, is brought into contact with penicillin acylase which is bound by covalent bonds to a water-soluble carrier, and the resulting 7-amino- $\Delta^2$ -cephem derivative is isolated according to known methods.

CLASS 136F. I.C.-B28b 23/06.

138469.

METHOD FOR THE MANUFACTURE OF MOULDED POINTED OBJECTS MORE PARTICULARLY WRITING OBJECTS.

BAIGNOL & FARJON S.A., OF RUE GERHARD HANSEN, BOULOGNE-SUR-MER- PAS DE CALAIS, FRANCE.

Application No. 15/Cal/74 filed January 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings.

A method for the manufacture of moulded, pointed objects more particularly writing objects of constant cross-section in

which a mouldable material specially a mixture containing thermoplastic materials is injected into a long mould of appropriate cross-section, in which there is a movable piston, the front of which piston is hollowed out being a cavity of a shape complementary to that of the point of an object to be moulded, and the said piston being initially situated close to the front of the mould through which injection is effected and moving backwards until the object has obtained a required length, a counter-pressure being exercised on the piston during injection.

CLASS 168D+H. I.C.-GO8g 1/095, GO9f 9/36. 138470

#### VISUAL SIGNALLING SYSTEM.

PRASANNAKUMAR LAXMIKANT CHAKRADEO, 318  
RAJA RAM MOHAN ROY ROAD, BOMBAY-4, MAHARASHTRA, INDIA.

Application No. 126/Bom/73 filed April 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 2 Claims

A visual signalling system comprising a box closed on all sides and having only one opening fitted with glass and corresponding only one multifaceted reflecting surface, the said reflecting surface being fixed to the rear of the box with supports, there being accommodated in the said box two independent bulbs, fixed in the sockets which are mounted on baffles, one for emitting red light and the other green light, the said bulbs being located behind the said baffles, and the said baffles, being hung from top and bottom plates of the said box with the supports, fixed to the top and bottom plates of the said box and being long enough to avoid direct transmission of light through the said opening fitted with glass, characterised in that the red light or green light independently or the combination of red and green light capable of offering amber colour fall on the multifaceted reflecting surface, which in turn are reflected so as to be visible through the said opening to offer desired indication.

CLASS 31B & 68E. I.C.-H01f 37/00, H05b 41/00. 138471.

#### A STRIP LAMINATION BALLAST.

PHILIPS INDIA LIMITED, SHIVSAGAR ESTATE,  
BLOCK 'A', DR. ANNIE BESANT ROAD, POST BOX-  
6598, WORLI, BOMBAY 18(WB), MAHARASHTRA,  
INDIA.

Application No. 267/Bom/73 filed August 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 6 Claims

A strip lamination ballast comprising a housing provided with a central core having a coil mounted thereon and an outer core separated by an air-gap from said central core, and said outer core each comprising a stack of strip laminations.

CLASS 67c. I.C. GO8b 11/00.

138472

#### METER INTERROGATION SYSTEM.

GENERAL PUBLIC UTILITIES CORPORATION, OF  
80 PINE STREET, NEW YORK, NEW YORK, U.S.A.

Application No. 1051/Cal/73 filed May 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

A system adapted for connection to a communication link to interrogate a plurality of separate meters and store respective reading therefrom, comprising:

a central control unit coupled to the communication link.

and a plurality of transponder units each coupled to a meter and the communication link,

said central control unit comprising;

means for storing a plurality of different meter identification codes each said code comprising a plurality of bits

and means for sequentially sending said meter identification codes to said plurality of transponder units including means for impressing a signal on said communication link indicative of the state of each of said bits of said identification code

each said transponder unit comprising,

means for storing and identifying its own predetermined identification code

means for continuously registering the reading of said meter,

and means for transmitting a meter reading code to said central control unit,

wherein said means for storing its own predetermined identification code comprises strobe logic means for entering each bit of said identification code into said means for storing and means for varying the time of occurrence of the output from said strobe logic means depending upon the maximum delay path of said communication link.

CLASS 67c I.C. GO8b 11/00.

138473

#### METER INTERROGATION APPARATUS.

GENERAL PUBLIC UTILITIES CORPORATION, OF 80  
PINE STREET, NEW YORK, NEW YORK, UNITED  
STATES OF AMERICA.

Application No. 1932/Cal/74 filed August 27, 1974.

Division of application No. 1051/Cal/73 filed May 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

Apparatus for automatically reading, from a remote location, a plurality of utility meters respectively metering the consumption of a utility by a plurality of users, each meter being connected to said remote location by a plurality of paths of an electrical power distribution network, comprising means for determining the maximum delay of information signals transmitted over said network between said remote location and said meters and for generating a control signal which is a function of said maximum delay and means responsive to said control signal for decreasing the rate of transmission of said information signals as said maximum delay increases and for increasing the rate of transmission of said signals as said maximum delay decreases.

CLASS 32F. I.C. CO7c 143/38.

138474.

PROCESS FOR THE PREPARATIONS OF Q-AMINO-  
ALKYL-4. HYDROXY -3- ALKYL-SULFONYL-METHYL-  
BENZYL ALCOHOLS.

SMITHKLINE CORPORATION, FORMERLY KNOWN  
AS SMITH KLINE & FRENCH LABORATORIES, OF  
1500\* SPRING GARDEN STREET, CITY OF PHILADEL-  
PHIA, COMMONWEALTH OF PENNSYLVANIA, 19101,  
UNITED STATES OF AMERICA.

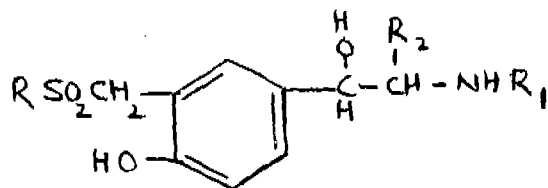
Application No. 457/Cal/74 filed March 4, 1974.

Convention date March 6, 1973 (10768/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

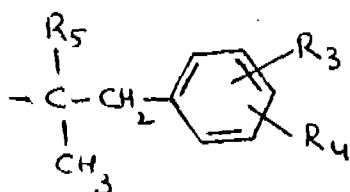
## 5 Claims.

A process for preparing alkylsulfonylmethylbenzyl alcohols having the formula 1.

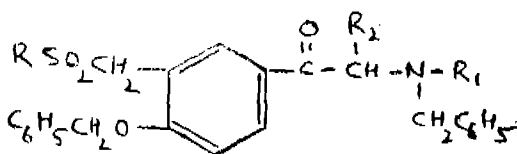


in which: R is straight or branched chain lower alkyl of from 1 to 5 carbon atoms;

R<sub>1</sub> is branched chain lower alkyl of from 3 to 5 carbon atoms, cycloalkyl or cycloalkylmethyl, the cycloalkyl moiety having from 3 to 6 carbon atoms or the structure shown in formula III.



R<sub>2</sub> is hydrogen, methyl or ethyl; R<sub>3</sub> and R<sub>4</sub> are hydrogen, hydroxy or methoxy; and R<sub>5</sub> is hydrogen or methyl, which comprises hydrogenating catalytically a compound of the formula II.



in which R, R<sub>1</sub> and R<sub>2</sub> are as defined above; optionally followed by reacting the product with an inorganic or organic acid to form a pharmaceutically acceptable acid addition salt.

CLASS 55A. I.C. A61k 7/00.

138475.

AN AEROSOL ANTIPERSPIRANT COMPOSITION AND METHOD OF MANUFACTURING THE SAME.

HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY 400 020, INDIA.

Application No. 30/BOM/73 filed January 22, 1973.

Convention date January 28, 1972 (4182/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch).

16 Claims. No drawings.

An aerosol antiperspirant composition substantially free from the development of off-odours comprising a dispersion of an acidic antiperspirant agent in a medium comprising hexylene glycol and a base as herein defined.

CLASS 189. I.C. A61k 7/16.

138476

COLOR PASTE HAVING IMPROVED WETTING PROPERTIES FOR SYNTHETIC GRANULATES.

KARL FINKE OHG, OF 56 WUPPERTAL-BARMEN, HATZFELDER STRASSE 174, FEDERAL REPUBLIC OF GERMANY.

Application No. 1742/72 filed October 26, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A color paste having improved wetting properties for synthetic granulates comprising an organic or inorganic pigment and a vehicle therefor characterised in that the vehicle consists of a mixture of from 65% to 95% by weight of a sorbitan ester of mixture of sorbitan esters of saturated or unsaturated fatty acids and from 5% to 35% by weight of calcium carbonate.

CLASS 83B. I.C. A23N. 1/34.

138477.

PROCESS FOR PREPARATION OF DIETETIC COMPOSITION.

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK 17, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 2193/Cal/73 filed September 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A process for preparing dietetic food compositions wherein at least part of the fatty-triglyceride ordinarily present in conventional foodstuffs containing fatty-triglyceride and, optionally, carbohydrate, is excluded and replaced such as herein described during manufacture of said foodstuff by a water-soluble highly branched polyglucose, wherein the 1-6 linkage predominates, said polyglucose having a number average molecular weight between about 1,500 and 18,000 and containing from about 0.5 to 5 mole per cent carboxylic acid ester groups wherein the acid is citric, fumaric, tartaric succinic, adipic itaconic or malic acids.

CLASS 32F.b &amp; 55E. I.C. C07c 51/16.

138478.

PREPARATION OF AMINOARYLPYRIMIDINES.

PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

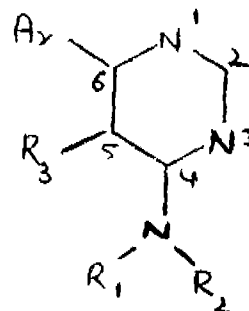
Application No. 2391/Cal/73 filed October 30, 1973.

Division of application No. 133106 filed October 4, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

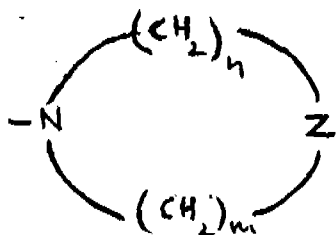
A method for preparing 4-amino-6-aryl-pyrimidines of the formula 1.



wherein: Ar is phenyl; phenyl substituted by methyl, methoxy, 3, 4-dimethoxy, hydroxy, trifluoromethyl, fluorine, chlorine, bromine, carboxy, cyano, nitro, dialkylamino, said alkyl containing from 1 to 3 carbon atoms, amino or acylamino containing from 1 to 4 carbon atoms, pyridyl; thienyl; furyl or pyridyl, thienyl or furyl substituted by acylamino containing from 1 to 4 carbon atoms, naphthyl; 3-indolyl, 2-and 3-benzothienyl; and 2- and 3-benzofuryl;

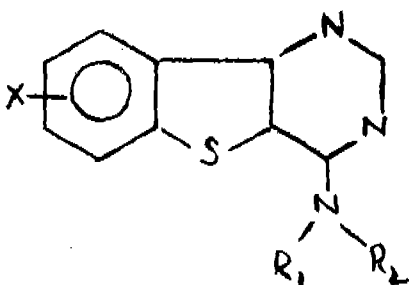
R<sub>1</sub> and R<sub>2</sub> are each hydrogen, alkyl containing from 1 to 4 carbon atoms, substituted ethyl wherein said substituent is 2-dimethylamino, 2-hydroxy or 2, 2, 2-trifluoro, alkenyl containing from 3 to 4 carbon atoms, pyridylmethyl, 2-mono-substituted phenyl wherein said substituent is carboxy or sulfamoyl and cycloalkyl containing from 3 to 7 carbon atoms, or

R<sub>1</sub> and R<sub>2</sub> when taken together with the nitrogen atom to which they are attached form a heterocyclic ring of the formula 2.



wherein Z is CH<sub>2</sub>, O.S. or N-alkyl containing from 1 to 3 carbon atoms; and n and m are integers of from 2 to 3; and

R<sub>2</sub> is hydrogen; provided that when R<sub>1</sub> and R<sub>2</sub> are hydrogen, then Ar is not phenyl; and the acid addition and quarternary ammonium salts thereof, characterized by desulfurizing at temperatures of 125–150°C an appropriately substituted 4-aminobenzo[hieno [3, 2-d]-pyrimidine of the formula 4.



with Raney nickel, wherein R<sub>1</sub> and R<sub>2</sub> are as hereinbefore defined, and X is the substituent on the aryl group (Ar) as hereinbefore defined; and, if desired, reacting the amino compound thus obtained with an appropriate alkanoyl halide, alkoxy carbonyl halide or a simple or mixed anhydride, to obtain the corresponding acylamino or alkyl carbamate, and, if desired, converting the basic compounds to the corresponding acid addition salts by treating with a suitable acid.

CLASS 154H. I.C. DO6p. 7/00.

138479.

ROTARY SCREEN PRINTING MACHINE WITH ANGLE AND PRESSURE ADJUSTABLE SQUEEGEE OR DOCTOR BLADE.

FRITZ BUSER AG. MASCHINENFABRIK, OF WILER B. UTZENSTORF, SWITZERLAND.

Application No. 393/Cal/74 filed February 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims.

In a rotary screen printing machine having a cylindrical rotary screen stencil, a squeegee or doctor blade holder and a squeegee or doctor blade attached thereto and located within the cylindrical screen;

a printer's blanket travelling approximately synchronously with respect to circumferential movement of the screen and located in tangential alignment with the screen to support material to be printed in engagement with the screen, and means supporting the blanket in position with respect to the screen.

the improvement comprising adjustable holding means securing the blade to the holder, swingable about an axis located closely adjacent to, or in alignment with the contact line of the screen and the blanket as supported by said support means.

CLASS 620, 154H. I.C. DO6p. 1/04, 1/18.

138480.

PROCESS FOR THE PREPARATION OF FAST DYEINGS OR PRINTS ON SYNTHETIC FIBROUS MATERIALS.

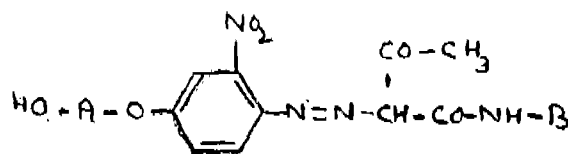
HOECHST AKTIENGESellschaft, OF 6230 FRANKFURT/MAIN, 80, FEDERAL REPUBLIC OF GERMANY.

Application No. 271/Cal/73 filed February 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims.

A process for treating synthetic fibrous materials to obtain fast dyeing or printing effects wherein the said fibrous materials are subjected to treatment in a conventional manner in aqueous dispersion or in organic solvents with the novel, dyestuffs of the formula 1.



In which A represents a linear or branched alkylene group having from 1 to 4 carbon atoms which may be substituted by a methoxy, ethoxy, phenoxy- or a hydroxy group, and B represents a naphthyl radical or a phenyl radical which may be substituted by fluorine, bromine or chlorine atoms, by cyano, trifluoromethyl, acetyl, benzoyl, phenyl, phenoxy and/or alkyl and/or alkoxy groups having from 1 to 4 carbon atoms.

CLASS 32F.C. I.C.-CO7C 127/02.

138481.

UREA SYNTHESIS WITH IMPROVED HEAT RECOVERY AND CONVERSION.

IVO MAVROVIC, AT 530 EAST 72ND STREET, CITY, COUNTY AND STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 1520/72 filed September 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 27 Claims.

A urea synthesis process wherein fluid NH<sub>3</sub> and fluid CO<sub>2</sub> are contacted at a pressure of from 13p to 400 Kg/cm<sup>2</sup> and a temperature of: from 160 to 220°C in a urea synthesis reactor to form a urea synthesis mixture containing ammonium carbonate and urea, which comprises charging reactor feed streams of fluid NH<sub>3</sub> and fluid CO<sub>2</sub> to said reactor in an

$\text{NH}_3/\text{CO}_2$  overall molar ratio of from 2.7 : 1 to 7 : 1 and an  $\text{H}_2\text{O}/\text{CO}_2$  overall molar ratio of from 0 : 1 to 1.5 : 1, and supplying heat to said reactor to provide endothermic heat required to produce urea by dehydration of said ammonium carbamate.

CLASS 40A<sub>2</sub>+F. I.C. B01f 13/02. 138482.

#### AN IMPROVED GAS-LIQUID REACTOR.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 1893/72 filed November 14, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A gas-liquid reactor for dispersion of the liquid contents of the reactor which consists of a cylindrical column having an internal cylindrical draft tube and a perforated plate at the bottom through which by passing gas, an upward motion of the content of the reactor can be generated through the annular space followed by a downward motion inside the draft tube resulting in a mixing of the content of the reactor.

CLASS 51D, I.C.-B26b 21/54. 138483.

#### BLADES DISPENSER.

HARBANS LAL MALHOTRA & SONS PRIVATE LIMITED, OF 12, NEW C.I.T. ROAD, CALCUTTA-12, STATE OF WEST BENGAL, INDIA.

Application No. 945/Cal/74 filed April 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A blade dispenser for keeping new and old safety razor blades consists of two parts, the first part being the cover of rectangular shape and of channel section with a window in its base for exposing the new blade, the second part comprising the base member including two spacedly disposed plates, the upper plate and the bottom plate which later forms a part of the base of the base member, both plates being of shorter lengths than the length of the base member, upwardly sloping projections extending from the shorter sides of the upper plate towards the end walls of the base member, a set of upwardly sloping projections also extending from the base of the base member beyond the upper plate towards the end walls of the base member, said upper plate being utilised for depositing new blades, the bottom plate having a slot at each end, the clearance between the two plates being used for depositing need blades through said slots, a clearance being left at each transverse end of the dispenser between the end walls of the base member and the base of the cover so that the new blades can be slipped out of this clearance.

CLASS 35C. I.C.-CO467/48, 7/54, 7/56, 7/58, 11/00. 138484.

#### A PROCESS FOR THE PREPARATION OF OIL WELL CEMENT CLINKER.

OIL AND NATURAL GAS COMMISSION, OF TEL BHAVAN, DEHRA DUN, (U.P.), INDIA.

Application No. 1663/Cal/74 filed July 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the manufacture of oil well cement clinker and which comprises the step of preparing a mix consisting essentially of limestone, sandstone and haemitite, pelletizing the mix, firing the pellets in a kiln to obtain cement clinker, cooling said clinker and finally grinding the clinker with gypsum characterised in that said mix consists of 35 to 50% of calcium oxide, 8 to 28% of silica, 0.5 to 3% of alumina, 3 to 8% of iron oxide, 0.1 to 1% of magnesium oxide and 20 to 40% LOI (loss on ignition).

CLASS 1-B & 83A<sub>1</sub>. I.C. A231 1/04, CO9h 5/00. 138485.

#### PROCESS FOR PREPARING COLD-WATER SOLUBLE GELATIN COMPOSITIONS.

P. B. GELATINES, OF 1 SQUARE DE MEEUS, 1040 BRUXELLES, BELGIUM.

Application No. 15/Cal/73 filed January 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

Process for preparing cold-water soluble gelatin compositions which comprises preparing an amorphous gelatin by drying a gelatin solution without passing through the gelled state to obtain solid particles of gelatin, grinding an screening said particles to obtain particle size not exceeding 210 microns and intimately mixing the so-prepared gelatin with one or several food ingredients all of particle size less than 500 microns, at least one part by weight of said ingredients per part of gelatin having a particle size not exceeding that of the gelatin.

CLASS 34A & 152E, I.C. B 29d 7/00. 138486.

#### SHAPED ARTICLES MADE OF THERMOPLASTIC MOULDING COMPOSITIONS BASED ON POLY(OXY-METHYLENE) AND PROCESS FOR PREPARING THE SAME.

HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNINGS, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, BUT NOW OF 6230 FRANKFURT/MAIN FEDERAL REPUBLIC OF GERMANY.

Application No. 1505/Cal/73 filed June 27, 1973.

Addition to No. 134208.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Shaped articles such as herein described made of thermoplastic moulding composition, essentially consisting of a mixture of 99.999 to 90 weight per cent of a linear poly (oximethylene) and of 0.001 to 10 weight per cent of a branched or crosslinked poly(oxymethylene) and additionally of 0.1 to 10 weight per cent—calculated on the total mixture of a polymer having an average molecular weight of 1,000 to 1,000,000 the softening point of which is below the crystallite melting point of the said poly(oxymethylene) the second order transition temperature amounts to  $-120^{\circ}$  to  $+30^{\circ}\text{C}$  and which is present in the mixture as particles having diameters from 0.1 to 5 microns.

#### OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by COL. VARAHUR SRINIVASA SATYANARAYANA to the grant of a patent on application No. 137597 made by Gandhi Engineering Corporation.

(2)

An opposition has been entered by Sisco Electric Shock Control Device (P) Ltd. to the grant of a patent on application No. 137597 made by Gandhi Engineering Corporation.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

103065 106714 107297 107690 107743 107830 107889 108068  
108500 108806 109141 109155 109222 109255 109284 109344  
109504 109750 109770 109840 109984 110081 110284 110373  
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111143 111150 111301 111334 111406 111449 111560 111561  
111562 111599 111601 112095 112187 112399 112527 112575  
112561 112873 113158 113231 113353 113504 113916.

## PATENTS SEALED

80998 82423 82814 84106 84535 94925 96714 97233 99587  
103060 112712 134072 134513 136485 136602 136636 136684  
136709 136710 136801 136808 136836 136838 136839 136847  
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136919 136923 136925 136934 136945 136961 136963 136966  
136967 136971 137001 137006 137096 137113 137151 137167  
137175 137207 137237.

AMENDMENT PROCEEDINGS  
UNDER SECTION 57

(1)

Notice is hereby given that C.F. Boehringer & Soehne GmbH., of Mannheim-Waldhof, West Germany, a Body Corporate organised under the laws of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for patent No. 103370 for "Diagnostic test paper". The amendments are by way of deletion of claims 1 to 10 in the specification and revision of the title of invention in the application and specification. The application for amendment and

the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested is opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Ankerfarm S.p.A., Viale Lombardia 5—200092—Cinisello B (Milano) Italy, an Italian Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 111995 for "Process for producing ampicillin trihydrate". The amendments are by way of correction and explanation so as to define the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Hoechst Aktiengesellschaft, of 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a corporation organised under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 127995 for "Process for preparing cardenolide-3-[2', 3'-dideoxyglycosides]". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested is opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of General & Mechanical Engineering Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1974 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief Title of the Invention
1	2	3	4	5
1.	134456	1-2-1972	Philipp Mutschler, Biethsstrasse 26, Heidelberg, Germany (West).	Disposable fountain pen.
2.	134457	1-2-1972	Federal Mogul, 26555, North Western Highway, Southfield, Michigan 48075, U.S.A.	Clutch release bearing.
3.	134473	2-2-1972	Siemens AG., Berlin and Munich, Germany (West).	Digital information transmission system.
4.	134474	2-2-1972	Do.	Electro mechanical filters.
5.	134484	3-2-1972	Francis Beatty Fishburne, 24 Summit Drive, Asheville, North Carolina, U.S.A.	Vertical press apparatus with remotely controlled distributor.



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6.	134491	3-2-1972	International Nominees (Bahamas) Ltd., P.O. Box N7768, Nassau, Bahamas.	Custom shoe.
7.	134498	4-2-1972	Polysius AG, of 4723 Neubeckam, Graf-Galen-Strasse 17, Federal Republic of Germany.	Travelling grate.
8.	134512	5-2-1972	Joseph Lucas (Industries) Ltd, of Great King St., Birmingham, 19, England.	Control apparatus for an internal combustion engine fuel injection system.
9.	134550	9-2-1972	The General Corporation, 1116, Suenaga, Kawasakishi, Kanagawa-Ken, Japan.	Colour television receiver.
10.	134584	11-2-1972	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham, 19, England.	Fluid pressure fluctuation damping device.
11.	134587	11-2-1972	Wilhelm Stahlecker GmbH, of 7341 Reichenbach, West Germany.	Spinning turbine.
12.	134599	14-2-1972	Dresser Industries Inc. of Republic National Bank Bldg, P.O. Box 718, Dallas, Texas 75221, U.S.A.	Annular seal assembly.
13.	134603	14-2-1972	Torben Christen Hansen, and Thomas Ringshelt, of Building Materials Laboratory, Technical University of Denmark, Building 118, 2800 Lyngby, Denmark.	Production of building material or basalt laterite.
14.	134605	14-2-1972	Clayton Dewandre Company Limited, Titanic Works, Lincoln, England.	Fluid pressure operated brake actuators.
15.	134606	14-2-1972	Norman John Garrod, Great Gommon, Bletchingley, Surrey, England.	Packaging gramophone records.
16.	134607	14-2-1972	Sunstrand Corporation, 2531 Eleventh, St, Rockford, Illinois, U.S.A.	Hydromechanical transmission.
17.	134616	15-2-1972	Industrilaboratoriet AB, Myntgatan 21, S-552 57 Jonkoping, Sweden.	Machines for the manufacture of wax materials.
18.	134627	16-2-1972	Dunlop Ltd, Dunlop House, Ryder St, St. James's, London S.W. 1, England.	High performance pneumatic tyres.
19.	134629	16-2-1972	Dejoo Tea Company Ltd, Post Office North Lakhipur, Assam, India.	Automatic weighing machine.
20.	134654	17-2-1972	Dresser Industries, Inc., Republic of National Bank, Bldg, P.O. Box 718, Dallas, Texas, 75221, U.S.A.	Packing for compressors pumps or the like.
21.	134656	17-2-1972	Filaial T.N.I. Inst, Jula, U.S.S.R.	Device for ingot withdrawal from mould during continuous casting of metal.
22.	134663	18-2-1972	Sherritt Gordon Mines Ltd, 25 King Street West, Toronto, Ontario, Canada.	Separation of solids from a liquid containing said solids.
23.	134664	18-2-1972	Dunlop Ltd, of Dunlop House, Ryder Street, St. James's, London S.W. 1, England.	Wheeled vehicle having skin control system.
24.	134665	16-10-1972	Girling Ltd, Kings Road, Tyseley, Birmingham 11, England.	Hydraulic vehicle braking system.
25.	134675	19-2-1972	Ronald Leacock, 4719 Fielder St, Tampa, Florida, U.S.A.	Automatic machine tool.
26.	134705	22-2-1972	Glaverbel- Mecaniver, 166, Chaussee de la Hulpe, Watermael-Boitsfort, Belgium.	Sheet glass.
27.	134709	22-2-1972	Air Preheater Co, Andover Road, Wellsville, New York, U.S.A.	Burner for incinerator.
28.	134721	23-2-1972	C.A.V. Limited, of Well Street, Birmingham 19, England.	Governor mechanism.
29.	134722	23-2-1972	USS Engineers and Consultants, Inc, 600 Grant St, Pittsburgh, State of Pennsylvania, U.S.A.	Adjustable conducting roll apparatus.
30.	134738	27-8-1970	Girland Ltd, Kings Road, Tyseley, Birmingham 11, Warwickshire, England.	Servo motors especially for vehicle braking systems.

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31.	134748	25-2-1972	Institut De Recherches De La Siderurgie Francaise, 185 rue President Roosevelt, 78 Saint Ferman-en-laye, France.	Metal feed supply of metallurgical plants which require regular flow of molten metal.
32.	134753	25-2-1972	Joseph Lucas (Industries) Ltd, of Great King Street, Birmingham 19, England.	Apparatus for sealing an inert gas under pressure in a container.
33.	134787	1-3-1972	Metal Box Company of India Ltd, of Barlow House, 59 C, Chowringhee Road, Calcutta-20, West Bengal.	Can ends.
34.	134810	2-3-1972	Globe Union Inc., 5757 Green Bay, Avenue, Milwaukee, Wisconsin 5321, U.S.A.	Industrial type variable speed centrifuge.
35.	134826	4-3-1972	Metal Box Company of India Ltd., Barlow House, 59 C, Chowringhee Road, Calcutta-20, West Bengal.	Articles having arcuate perimeter regions.
36.	134831	4-3-1972	D.L. Rowland, 8 East 62nd St, New York 10021, U.S.A.	Assemblies seats and backs usable in furniture automobiles and other transport vehicles.
37.	134856	27-7-1970	Telekunken, 9900 Ul n/D ntau, Elisabethenstr 3, German Federal Republic.	Pickup for scanning a carrier along a pre-determined track.
38.	134857	27-7-1970	Do.	Pick up adapted for playback of signals stored in a carrier.
39.	134875	8-3-1972	RCA Corporation, David Sarnoff Research Center, Princeton, New Jersey, 08540, U.S.A.	A lead assembly.
40.	134882	8-3-1972	Norton Co, 1 Bow Bond Street, Warcester, State of Massachusetts, U.S.A.	Grinding wheels.
41.	134885	8-3-1972	Heinrich Wigger & Co, 475 Unrd/Westy, Morgen Str, 39/41 German Federal Republic.	Chapper (Chipping machines).
42.	134905	27-10-1970	Raytheon Company, of Lexington County, of Middlesex, Commonwealth of Massachusetts, U.S.A.	Heat exchange structure.
43.	134937	15-3-1972	N.V. Meubelfabrick "Deco", Doetinchemseweg 29, Varsseveld, The Netherlands.	Kits for assembling for example a piece of furniture.
44.	134960	16-3-1972	Australian Wire Industries Proprietary Ltd, 500 Bourke St, Melbourne, in the State of Victoria, Commonwealth of Australia.	Apparatus for cooling coatings on moving wires stripe or other continuous lengths of materials.
45.	134989	18-3-1972	North American Rockwell Corporation, North American Rockwell Bldg, Pittsbirgh, Pennsylvania, U.S.A.	Actuator apparatus for selectively effecting positioning of needle jacks in a circular knitting machine.
46.	134991	20-3-1972	Repla Internationals S.A.H., of Luxembourg, of 56, Boulevard Napoleon, Luxembourg, Grand Ducky of Luxembourg.	Producing an article catching strip.
47.	134996	20-3-1972	Keninklijke Emballage Industria Van Leer N.V., of Amsterdamsseweg 206, Amstelveen, The Netherlands.	Bushing for a coupling such as a container closure.
48.	135012	21-3-1972	Cotton Incorporated, of 350 Fifth Avenue, New York 10001, U.S.A.	Method of making a durable press garment.
49.	135018	22-3-1972	Girling Ltd, of Kings Road, Tyseley, Birmingham 11, Warwickshire, England.	Seal for sealing an annular space.
50.	135022	22-3-1972	William Prym, 519, Stalberg/Rhld, Zweefaler Str, 5-7, Federal Republic of Germany.	Sliding clasp fastener.
51.	135033	23-3-1972	Siemens AG., of Berlin and Munich, West Germany.	Apparatus for use in monitoring tensile stresses in continuously travelling webs of materials.
52.	135045	24-3-1972	The SFC Patent Trust, of 6420 Hillcraft, Suite 211, Houston, Texas 77036, U.S.A.	Pump for zinc rich materials of the like.
53.	135057	25-3-1972	Karl Fischer Apparate-U. Roheleitungsbau, of Holzhauserstr, 159/165, 1 Berlin 27, Federal Republic of Germany.	Tube bundle heat exchanger.
54.	135058	25-3-1972	Rodney Hunt Company, of Orange, Massachusetts, U.S.A.	Apparatus for subjecting moving material to a liquid treatment.

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55.	135071	27-3-1972	Joseph Lucas (Industries) Ltd, of Great King Street, Birmingham 19, England.	Apparatus for and a method of forming helical splines.
56.	135087	28-3-1972	Dana Corporation, 4500 Dor Street, Toledo, Ohio.	Bearing cup for a universal joint.
57.	135089	28-3-1972	Libbey-Owens Ford Co, 811, Madeson Avenue, Toledo, Ohio, U.S.A.	Producing bent tempered glass.
58.	135099	29-3-1972	Svenska Aktiebolaget Bremsregulators, of Adelgatan 5, 211 22 Malmo, Sweden.	Force transmitting device of a weighing valve for a vehicle.
59.	135126	1-4-1972	Mark Isakovich Frankel, Leningrad, Ulitsa Karbysheva 6, Korpus 2, K.V. 20, USSR.	Direct flow cylindrical valve.
60.	135149	4-4-1972	Norton Villiers Ltd, of Marston Road, Wolverhampton, in the country of Stafford, England.	Vehicles.
61.	135167	4-4-1972	Parks-Cramer Co, Post Office Box 444, Fitchburg, Massachusetts, U.S.A.	Cleaning elongated textile machines such as spinning.
62.	135168	4-4-1972	Maschinen Fabrik Etc, 7867 Zell (Wessental), Federal Republic of Germany.	Winding machine for sheet materials.
63.	135186	6-4-1972	USS Engineers And Consultants Inc, 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Apparatus for replacing a holder for a pouring tube on a bottom pour vessel.
64.	135245	11-4-1972	Fietzel & Sachs, 8721 Schweinfurtan, Main Ernst Sachstrasse 62, Federal Republic of Germany.	A torque transmission apparatus between parts concentrically situated about a common axis.
65.	135232	11-4-1972	RCA Corporation, David Sarnoff Research Center, Princeton, New Jersey 08540, U.S.A.	Semi conductor device.
66.	135234	11-4-1972	Svenska Rotor Maskiner Aktiebolag, of Nacka, Sweden.	Rotary internal combustion engine.
67.	135296	17-4-1972	Industrie Pirelli S.p.A., Centro Pirelli, Piazza Duca d'Aosta No. 3, Milan 20100, Italy.	Radical cord carcass tyres provided with a sidewall stiffening structure.
68.	135304	17-7-1973	New Standard Engineering Company Ltd, NSE Estate, Goregaon, City of Bombay, State of Maharashtra.	Device for mounting suction tubes on front rollers of textile spinning machines.
69.	135314	18-4-1972	Mefina S.A., of 5, Route de Beaumont, Fribourg, Switzerland.	Sewing machine.
70.	135329	19-4-1972	The Goodyear Tire & Rubber Company, 1144 East Market St, Akron, Ohio, U.S.A.	Screen member.
71.	135336	19-4-1972	Donotsky Filial, Donetek, Bulvar, Shevchenko 19 d, U.S.S.R.	An absorption refrigerating installation.
72.	135353	15-9-1971	Nilkanth Shridhar Sathaye, 'Nalanda' D-15 (3NE4), Anushakti Nagar, Deonar, Bombay-400201.	Device for lighting a gas stove.
73.	135369	25-5-1972	Girling Ltd, Kings Road, Tyseley, Birmingham 11, England.	Fluid level indicating devices.
74.	135381	7-7-1972	Baspak Industries Ltd, Fieldings Road, Cheshunt, Waltham Cross Hertfordshire, EN8 9TX, England.	Device for dispersing fluids.
75.	135385	3-6-1972	Council Container Company (Proprietary) Ltd, of Price St, Extension, Industria West, Johannesburg, Transvaal, Republic of South Africa.	Sealing plastic containers.
76.	135415	23-6-1973	Georgo & Cie, S.P.R.L., of Rue Caucet 2, 4000 Liege, Belgique.	Fragmenting scrap metal.
77.	135425	28-12-1970	R.G. Barrera, 103, Republica Dominica, Col, Virta Hermosa, Monterrey N.L., Mexico.	Process of making tortilla dough.
78.	135428	26-4-1972	Thomas Walker Ltd, of St. Paul's Square, Birmingham B3 1QY, England.	Fastening devices.
79.	135433	4-7-1972	Christenssons Naskiner & Patentor Aktiebolag, of Ekbacksvagen 32-34m Broma, Sweden.	Foil for closing packages possible to open.

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80.	135438	22-9-1971	Dyna-Flex Corporation, of 2300 South 3600 West, Salt Lake City, Utah, U.S.A.	A process for producing a plastic relief image printing plate.
81.	135439	18-8-1972	Metal Box Company of India Ltd, of Barlow House, 59C Chowringhee Road, Calcutta-20.	Container closures.
82.	135440	15-7-1972	Casablcas Ltd, Coronation Road, London N.W. 10, England.	Textile fibre drafting apparatus.
83.	135441	18-7-1972	Glass Tubes and Components Ltd, Sheffield Road, Chesterfield, Derbyshire, England.	Production of one-piece stemware from glass etc.
84.	135447	5-5-1972	Mefina S.A., of 5, route de Beaumont, Frobourg, Switzerland.	Presser foot for a sewing machine.
85.	135450	23-7-1971	Scaled Power Corporation, of 2001 Sanford St, Muskegon, State of Michigan 49443, U.S.A.	Spacer expanders.
86.	135451	23-7-1971	Do.	Do.
87.	135452	23-7-1971	Do.	Do.
88.	135453	23-7-1971	Do.	Do.
89.	135454	5-7-1972	Ruti Machinery Works Ltd, CH-8630 Ruti (Zurich), Switzerland.	Device for braking the picker stick of a loom.
90.	135455	29-6-1972	Do.	Device for driving weft inserters.
91.	132462	11-8-1971	AGFA-Govaert N. V., 27, Septestraat, 2510 Mortsel, Belgium.	Steel railway wheel.
92.	135464	20-7-1972	The Glacier Metal Company Ltd, 368 Ealing Rd, Alorton, Wembley, Middlesex, England.	Bearings.
93.	135466	15-6-1972	Uralsky Z.I.M., Imemi, Sverdlovsk.	Continuous casting of metal.
94.	135469	18-5-1972	Variable Kinetic Drives Ltd, Rose Cottage, Pillary Green.	Torque converter coupling.
95.	135471	23-6-1972	Howard Bernard Forster, of 35 Thorncliffe Drive, Toronto, Ontario, Canada.	Pessaries.
96.	135473	25-7-1972	Dunlop Ltd, Dunlop House, Ryder Street, St. James's, London S.W. 1, England.	Wheel assemblies.
97.	135474	25-7-1972	Do.	Do.
98.	135490	14-9-1972	Federal-Mogul, 26555 Northwestern Highway, Southfield, Michigan, U.S.A.	High speed air pressure sensitive seal and bearing system.
99.	135493	20-10-1971	Joseph Lucas (Industries) Limited, of Great King St, Birmingham 19, England.	Lamp failure warning systems.
100.	135497	15-6-1972	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W. 1, England.	Controlled feeding of powdered material.
101.	135511	4-9-1972	Universal Oil Products Company, No. 30 Algonquin & Mt. Prospect Roads, Des Plaines, State of Illinois, U.S.A.	Tubing or plate for heat transfer processes involving nucleate boiling.
102.	135516	7-7-1972	Tsentral'sky N.I.P.I., Ulit'ss Gorkogo 43 KY, Moscow, U.S.S.R.	Device for dynamic balancing of rotors.
103.	135524	15-6-1972	Moskovsky G. Pedagogicheskoy, Matrostoreyskaya Ulitsa 38, Moscow, U.S.S.R.	Teaching machine preferably for studying foreign languages.
104.	135527	4-10-1971	American Flange & Manufacturing Co. Inc, 30 Rockefeller Plaza, New York 10020, New York, U.S.A.	Container closure construction.
105.	135528	4-10-1971	Do.	Do.
106.	135529	10-5-1972	Central Overseas Corp'n, 3-80, 31st Street, Panama City, Republic of Panama.	Flour mill.
107.	135532	12-9-1972	Intermenuea (Proprietary) Ltd, 25th Floor, Trust Bank Centre, Corner Main Eloff Streets, Johannesburg, Republic of South Africa.	Shearing machines.

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108.	135547	4-7-1972	Tadeusz Sendzimir, of 269, Brookside Road, Waterbury, Connecticut 06720, U.S.A.	Reeling mill.
109.	135557	20-10-1972	Westinghouse Electric Corporation, of Pittsburgh, Pennsylvania, U.S.A.	Mooring system.
110.	135565	6-9-1972	Combustion Engg. 1000 Prospect Hill Road, Windsor, Connecticut, U.S.A.	Manufacturing pipe bends from cold formed half tori.
111.	135568	4-10-1972	The Goodyear Tire & Rubber Co, 1144 East Market St, Akron, Ohio, U.S.A.	Towable floating storage container.
112.	135579	23-5-1972	Prerovske, Strojirny, Narodni Podnik of Prerov, Czechoslovakia.	Shaft kiln for heating granulars materials.
113.	135587	16-11-1972	Shell Internationale Research Maatschappij N.V., 30, Carel Van Bylandtlaan, The Hague, The Netherlands.	Package for hazardous materials.
114.	135588	6-9-1972	OPTI-Holding AG., Glarus Schweiz, Burgste 24, Switzerland.	Attachment to a sewing machine for sewing coupled rows of slide fastener elements to the co-ordinated tapes.
115.	135589	2-6-1972	Dr. Artos Motor Etc, 2 Hamburg 1, Heidenkajnpaweg 66, Federal Republic of Germany.	Method of finishing treatment of textile webs in fluids.
116.	135603	26-4-1972	Heimo Gert Etc, 7972/Isnyolgaen, Max-Eythweg 42, Federal Republic of Germany.	Spraying or smoke-laying apparatus.
117.	135607	18-8-1972	N.V. Beckaert S.A., of Zwevegem, Belgium.	Reinforcements for vehicle tyres.
118.	135615	1-6-1972	Sperry Rand Corporation, of Crooks and Maple Roads, Troy, State of Michigan 48084, U.S.A.	Pumps and motors.
119.	135620	21-11-1972	Harold George Poole, Aspenden House, Aspende, Buntingford Hertfordshire, England.	Towing connections.
120.	135635	29-6-1972	Trutzachler & Company, of Duvenstr, 82-92, D-4070 Rheydt-Odenkirchen, West Germany.	Duct for settling fibrous flock.
121.	135643	11-9-1972	Dunlop Ltd, Dunlop House, Ryder Street, James's London S.W. 1, England.	Tyres.
122.	135658	14-11-1972	Tien Chioh Tso, & others, of 4306 Yate Road, Beltsville, Maryland, U.S.A.	Curing tobacco.
123.	135659	7-6-1972	Varl Mccombs, 1 Lisa Drive, Green ville, South Carolina, U.S.A.	Aligning device for spindle assembly.
124.	135662	26-7-1972	Institut Elektronik, Ulitsa anservatorskeya, 85 Tashkent, U.S.S.R.	Device for clearing fibrous materials.
125.	135667	25-10-1972	Combustion Engg, Inc, Prospect Hill Road, Widser, Connecticut, U.S.A.	Briquetting press with briquette removal mechanisms.
126.	135668	25-10-1972	Do.	Ram trip screwing arrangements.
127.	135670	9-8-1972	Bin Chatterjee, 23/1 Svikelpara Lane, Bally, District Howrah, State of West Bengal.	Device for importing reciprocating motion to a member.
128.	135671	21-6-1972	Johns Manville Corp, 22, East 40th Street, New York 16, State of New York, U.S.A.	Friction facings utilizing glass fibres and metallic filaments.
129.	135673	19-5-1972	Do.	Thermal insulating board like material.
130.	135703	14-8-1972	Octaviano R. Indena., of 95 K-7, Kannias, Quezon City, Philippines.	Miracle cooker.
131.	135718	12-1-1973	Thyssen Mied Etc, 42 Oberhausen, Essener Str 66, German Federal Republic.	Charging apparatus for a shaft furnace.
132.	135765	12-5-1972	Johns Manville Corp, 22 East 40th St, New York, State of New York, 10016, U.S.A.	Method of protecting metallic pipe for sub-surface installation and composite pipe-wrap material used therefor.
133.	135777	2-6-1972	Institut Ekelektronik, Joshkent, Observatorskaya, 85, U.S.S.R.	Cotton seed delinting machine.
134.	135802	4-7-1972	Johna Manville Corp, 22 East 40th St, New York, State of New York 10016, U.S.A.	Vibration impact texturing process.

1	2	3	4	5
135.	135819	16-6-1972	Urelesky Z.T.M., Imeni, Sverdlovsk, U.S.S.R.	Plant for continuous casting of metal.
136.	135838	15-11-1972	Taskentsky Bumazhny Kombinat of Tashkent GSP, Kuibyshevskastrasse, USSR.	Carboard.
137.	135855	3-7-1972	Schubert & Salzer Maschinenfabrik AG, Friedrich-Eberstrasse 84, 8076 Ingolstadt, Germany.	Open-end spinning apparatus.
138.	135856	3-7-1972	Do.	Fibre mixing devices.
139.	135888	8-8-1972	Fibreglass Ltd, 201-211, Martine Bldgs, Water Street Liverpool-12, England.	Winding apparatus.
140.	135926	15-11-1972	Massey Ferguson Services, Artilles Abraham de Veerstraat 7A, Netherlands.	Draft sensing unit for tractor.
141.	135957	22-7-1972	Stanley Tools Ltd, Woodside, Sheffield, England.	Cutting and/or abroading elements.
142.	135996	5-7-1972	Veb Polygraph Leiprig Kombinet fur Polygraphische Maschinen Und Aurrashfugen of 4, Wachsmuthstrasse 7031 Laipzigm East Germany.	Folding plate cylinders for rotary folders.
143.	136008	14-7-1972	Johns Manville Corpn, of 22, East 40th Street, New York, U.S.A.	Introducing and controlling flow of batch in furnaces.
144.	136013	19-5-1972	Baustahlgewebe GmbH, of 4, Dusseldorf-Oberkassel, Barggrafenstrasse 5, Federal Republic of Germany.	Continuous heat treatment process on bar shaped low carbon structural steels.
145.	136016	3-7-1972	Wilhelm Hegler, 350, Fifth Avenue, New York, New York 10001, U.S.A.	Apparatus for the production of pipes or tubes of synthetic plastics materials containing a internal parting wall.
146.	136133	10-5-1972	Metal Box Company of India Ltd, Barlow House, 59C Chowringhee Road, Calcutta-20.	Can bodies.
147.	136134	10-5-1972	Do.	Scaled can.

## RENEWAL FEES PAID

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75695 75696 75882 76376 76753 76817 76964 80261 80677  
80775 80943 81232 81352 82063 82500 83228 83281 84889  
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## CESSATION OF PATENTS

121522 121538 121548 121563 121589 121618 121634 121646  
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 123021 123033 123058 123067 123068 123070 123632.

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 97286 granted to Joseph Walter Littman for an invention relating to "Continuous changing display device". The patent ceased on the 2nd January, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th September, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 122550 granted to Shriram Refrigeration Industries Ltd., for an invention relating to "improvements in or relating to thermal and current sensitive over load protectors particularly for use in hermetic compressor motors". The patent ceased on the 30th July, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th January, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 129190 granted to Neoftrico, for an invention relating to "Mechanical Seal". The patent ceased on the 21st November 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 21st June 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the

7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 134539 granted to VEB polygraph Leipzig, Kombinat für Polygraphische Maschinen und Ausrüstungen, for an invention relating to "Method and apparatus for thread-sealing together two sheet portions." The patent ceased on the 4th June, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th July, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 134541 granted to VEB Polygraph Leipzig, Kombinat für Polygraphische Maschinen und Ausrüstungen, for an invention relating to "A thread stitching method and an apparatus therefor." The patent ceased on the 4th June, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th July, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 134542 granted to VEB Polygraph Leipzig, Kombinat für Polygraphische Maschinen und Ausrüstungen, for invention relating to "Stitching apparatus". The patent ceased on the 8th February, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 25th October, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 134542 granted to VEB Polygraph Leipzig, Kombinat für Polygraphische Maschinen und Ausrüstungen, for

an invention relating to "Method and apparatus for producing folded and thread-sealed sheet products." The patent ceased on the 6th April, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 25th October, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 136362 granted to Neofabrics, for an invention relating to "Stationery mechanical seal". The patent ceased on the 9th November, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 31st January, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 7th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case

and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

#### COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 137816, 137817, 137995, 138229, 138273.... Class 1.

Design No. 139795.....Class 3.

Design Nos. 130489 & 138125 .....Class 4.

#### COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 127477, 127478, 127479, 127480, 127481, 127482, 127483, 127484, & 127485.....Class 1.

Design No. 139795.

Class 3.

S. VEDARAMAN,

Controller-General of Patents, Designs  
and Trade Marks.